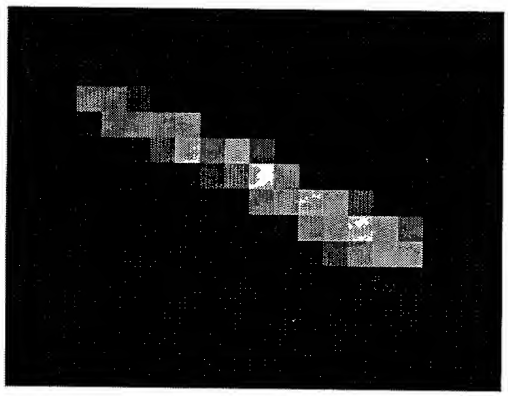

FIG. 1

For Binary Comparison:	For Full Intensity Comparison:
Read number of detections in library image ($N_{library}$)	Read number of detections in library image ($N_{library}$)
Set the intensity of all above-zero pixels to a value of one	Determine average pixel intensity of above-threshold pixels ($\bar{I}_{\text{library}}$)

FIG. 2

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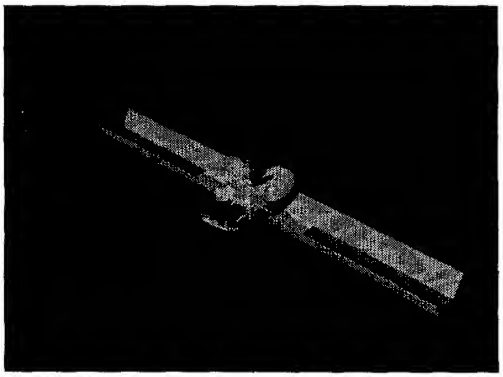

FIG. 3

For Binary Comparison:	For Full Intensity Comparison:
Determine number of detections of object image (N_{object})	Determine number of detections of object image (N_{object})
Offset origin of object image ($(\breve{X}_{object}, \breve{Y}_{object})$) to upper left corner = (0, 0)	Offset origin of object image ($(\breve{X}_{object}, \breve{Y}_{object})$) to upper left corner = (0, 0)
	Determine average pixel intensity of above-threshold pixels $\bar{I}_{object}$)

FIG. 4

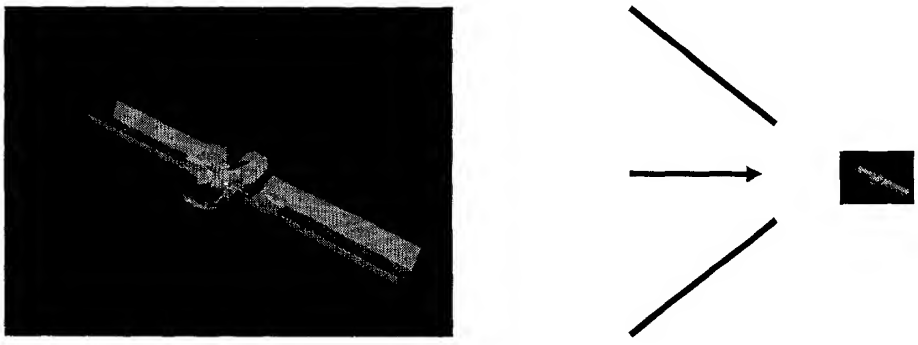

FIG. 5

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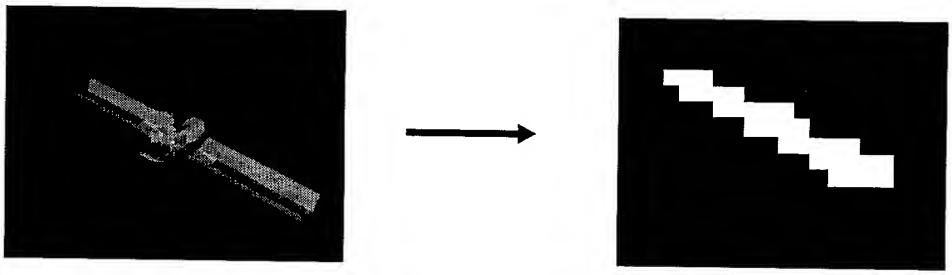

FIG. 6

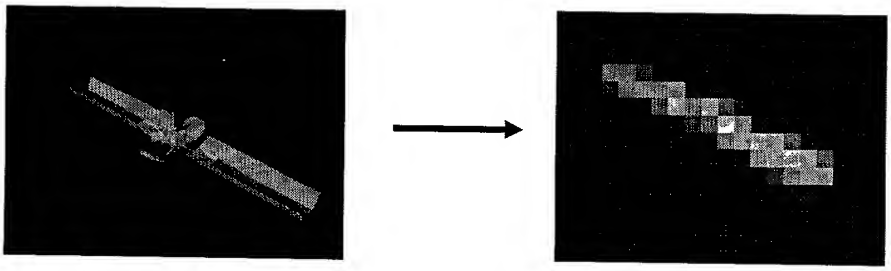

FIG. 7

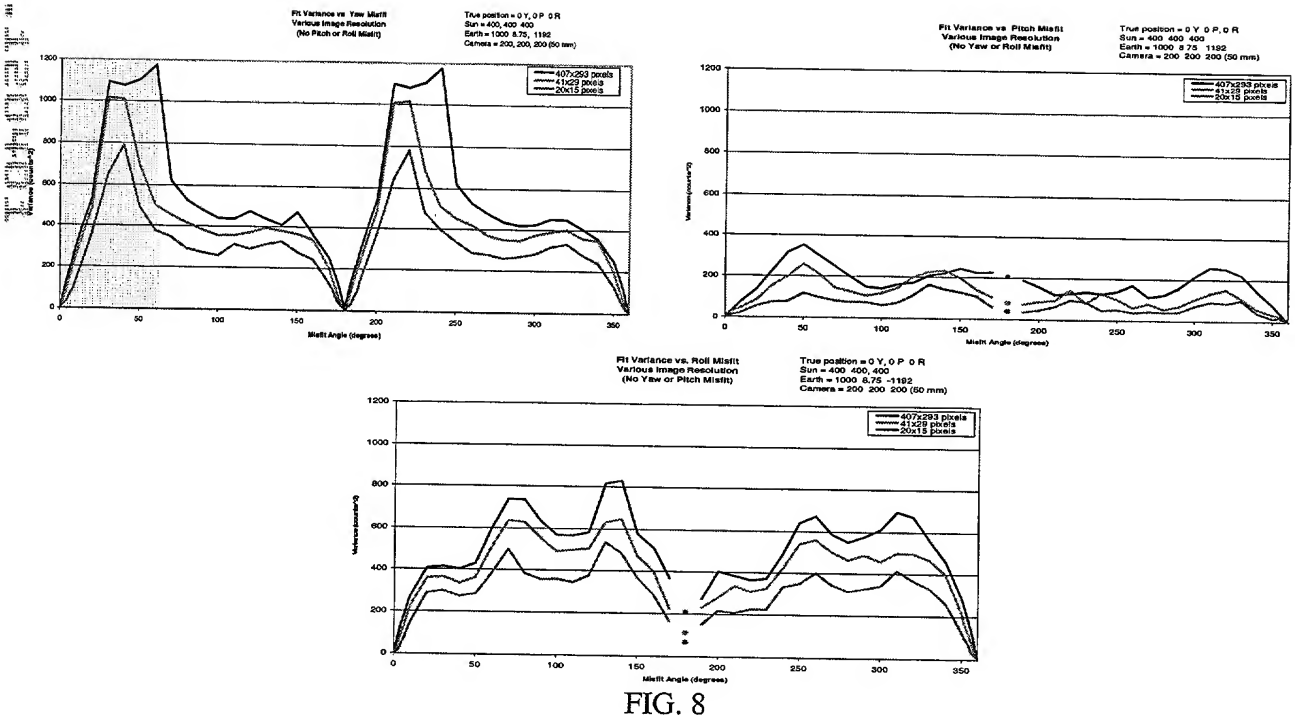

FIG. 8